Application No.: 10/549,728

Reply to Office Action Of January 26, 2010

Amendment Dated: April 23, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

Claims 1-3 (Cancelled)

An arrangement for controlling a hydraulically Claim 4 (Previously presented)

driven motor, forming part of a hydraulic system in which hydraulic fluid under pressure

forms a main flow through a main duct in which the motor is connected, the motor being

adapted to drive a varying load, and one or more valves (6, 7) being adapted for

controlling the hydraulic fluid flow through the motor on the one hand during operation

and on the other hand for starting and stopping of the motor, one of the valves consisting

of a flow control valve (7) which is connected in the main duct (1) downstream of the

outlet of the motor, the flow control valve (7) being integrated with the motor housing

(50), the flow control valve (7) is adapted for on the one hand starting/stopping of the

motor and on the other hand constant flow control of the hydraulic fluid flow through the

motor and is adapted to control the flow through the main duct depending on a sensed

pressure difference across a change in area (15) which is arranged in the main duct

downstream of the motor.

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Claim 5 (Previously presented) The arrangement as claimed in claim 4, characterized in that the change in area (15) is a narrowing that is integrated in the motor housing (50).

Claim 6 (Previously presented) The arrangement as claimed in claim 4, characterized in that the flow control valve (7) has two control inputs (26, 28) for controlling the flow control valve, one control input (28) being adapted to receive a control flow which can alternately be connected to the main duct (1) upstream of the flow control valve for a stop position of the valve, that is to say blocking of the main flow, or connected to a control flow for a start position of the valve, that is to say fully open main flow, or constant flow control, and the other control input (21) being adapted to receive a control flow via a control duct (22) which is connected to a location in the main duct on one side of the change in area (15).

Claim 7 (Previously presented) The arrangement as claimed in claim 6, characterized in that the flow control valve (7) has a valve housing and a valve body (50) which is movable in the valve housing and is provided with a throughflow passage (10) which is adapted so as, under the action of the force from the two control flows and a spring (18) and thus by virtue of the motion of the valve body, to vary its area relative to the inlet (8) or the outlet (9), and in that an actuator valve (6) is adapted for said changing between control flow to one control input (28) for start position with open flow control

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valve, constant flow control with variable main flow depending on the pressure drop

across the change in area, and stop position with fully closed flow control valve.

Claim 8 (Previously presented)

The arrangement as claimed in claim 7,

characterized in that the valve body consists of a piston slide (26) which is movable to

and fro in a cylindrical bore (27), into one end of which one control input (28) leads and

into the opposite end of which the other control input (21) leads.

Claims 9-10 (Cancelled)

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